

15-57-5-6113
The Geological Position and Structure of the Puri (Cont.)

H ₂ O-	0.17	0.08	0.06	0.03	1.12	0.20	0.04
H ₂ O+	0.38	1.40	0.33	0.41	0.32	0.56	0.34
Others	0.33	0.37	0.13	--	--	--	--
Totals	99.81	100.22	100.06	100.05	100.84	99.63	99.69

Explanation: 1) pre-Jurassic granite, cataclastically deformed and metamorphosed; 2) porphyroblastic biotite-hornblende granite, Shar-
minskiy intruziv (intrusive); 3) porphyritic biotite granite, Tsagan-
Oluyevskiy complex; 4) porphyroblastic biotite-hornblende granite,
central part of the Puri intrusive; 5) quartz syenite-diorite from
endogene contact aureole of the Puri intrusive, Pad' Puri; 6) quartz
diorite from the endogene contact aureole of the Puri intrusive,
upper reaches of the Malaya Borzha River; 7) granodiorite from a
dike in the southern part of the Puri intrusive, divide between the
Puri Falls and the Chal'nik.

Card 5/5

O. V. B.

BONDARENKO, L.P.; DAGELAYSKIY, V.B.

Rocks of the syenite-migmatite series in the Porkozero and Repo-Yarvi
region (Kola Peninsula). Trudy Lab.geol dokem. no.9:176-203 '59.
(MIRA 13:11)

(Kola Peninsula--Syenite) (Kola Peninsula--Migmatite)

BONDARENKO, L.P.

Rocks containing magnetites and other rocks in the granulite facies
of metamorphism (Lake Chudz'yavr region on the Kola Peninsula).

Trudy Lab. geol. dokem. no.11:249-269 '60.

(MIRA 14:1)

(Chudz'yavr Lake region--Magnetite)

BONDARENKO, L.P.; DAGELAYSKIY, V.B.

Pyroxenes containing aegirines in rocks of the syenite-migmatite series (Kola Peninsula). Trudy Lab. geol. dokem. no.11:269-277 '60. (MIRA 14:1)

(Kola Peninsula—Mineralogy)

MASLENIKOV, V.A.; BONDARENKO, L.P.; DAGELAYSKIY, V.P.

Ancient rocks of the Kola Peninsula. Trudy Lab.geol.dokem.
no.12:133-155 '61. (MIRA 14:11)

(Kola Peninsula--Petrology)
(Kola Peninsula--Geological time)

BONDARENKO, L.P.; DAGELAYSKIY, V.B.

Eulysites from the Lake Chudz'yavr region (Kola Peninsula). Zap.
Vses.min.ob-va 90 no.4:408-424 '61. (MIRA 14:9)

1. Laboratoriya geologii dokembriya AN SSSR, Leningrad.
(Chudz'yavr Lake region--Eulysite)

BONDARENKO, I. V.

Marachornokites in the central part of the Kola Peninsula. Trudy
lab. geol. dokem. no. 19: 196-206 1962 (MIRA 17:3)

USSR / Human and Animal Morphology (Normal and Patho- 3-5
logical). Blood-Vascular System. Vessels.

Abs Jour: Ref Zhur-Biol., No 17, 1958, 79124.

Author : Bondarenko, L. P.

Inst : Not given.

Title : On the Blood Supply of the Upper Cervical Sym-
pathetic Node and the Cluster-Like Node of the
Vagus Nerve of Man.

Orig Pub: Vrachebn. delo, 1957, No 7, 729-732.

Abstract: The upper cervical sympathetic node (USN) is
vascularized: 1) branch of the ascending phary-
ngeal artery, more often approaching the upper
pole of the USN, which is divided on its sur-
face, and then penetrating it; 2) branch of
the upper thyroid artery, usually proceeding
to the lower pole of the USN and penetrating

Card 1/2

37

BONDARENKO, L. P.: Master Med Sci (diss) -- "The blood supply of the upper cervical sympathetic ganglion of the human vagus nerve". Kiev, 1958. 13 pp (Kiev Order of Labor Red Banner Med Inst im Acad A. A. Bogomolets), 200 copies (KL, No 6, 1959, 142)

USER/Human and Animal Morphology - Normal and Pathological.
Circulatory System. Blood Vessels.

Abs Jour : Ref Zhur Biol., No 23, 1958, 105940

Author : Bondarenko, L.P.

Inst :
Title : Intraganglionic Vessels of the Superior Cervical Sympathetic Ganglion and the Ganglion Nodosum of the Vagus Nerve of the Cat and Their Relation to the Nerve Cells

Orig Pub : Fiziol. zh., 1958, 4, No 3, 401-407

Abstract : By the methods of injection of vessels and microscopical examination it was shown that the loops of the capillary net (LCN) of the superior cervical sympathetic ganglion (SCSG) surround various numbers of nerve cells (NC). Frequently a group of NC is surrounded by a double LCN, or NC are enveloped by LCN from three sides. In the ganglion nodosum LCN from vessels of 4.8-8.0 microns in diameter. Usually each NC of the nodose ganglion is

Card 1/2

- 11 -

GAL'PERIN, Yu.B.; BONDARENKO, L.P.; KVITASH, V.A., kand. med. nauk.

Otogenous abscess of the temporal lobe with atypical clinical course.
Vest. otorin. 21 no.2:90-91 Mr-Apr '59. (MIRA 12:4)

1. Iz Solnechnogorskoy gorodskoy bol'nitsy (Moskovskaya oblast').
(TEMPORAL LOBE, abscess,
otogenous, atypical case (Rus))

ANBROKH, Ya.M.; BONDARENKO, L.P.

Bilateral extrauterine pregnancy of different durations. Vop.
okh.mat.i det. 8 no.3:81-82 Mr '63. (MIRA 16:5)

1. Iz patologoanatomicheskogo otdeleniya (zav. Ya.M. Anbrokh)
2-y Ryazanskoy gorodskoy klinicheskoy bol'nitsy (glavnyy vrach -
zasluzhennyy vrach RSFSR I.A. Galyun) i kafedry ginekologii
(zav. - prof. G.N. Smirnov) Ryazanskogo meditsinskogo instituta
imeni I.P. Pavlova.

(PREGNANCY, EXTRAUTERINE)

KARABASH, A.G.; BONDARENKO, I.S.; MORCZOVA, G.G.; PEYZULAYEV, Sh.I.

Spectrochemical method for determining impurities in lead. Zhur.
anal. khim. 15 no.5:623-627 S-O '60. (MIRA 13:10)
(Lead--Analysis)

VISHNYAKOVA, T.P.; PAUSHKIN, Ya.M.; BONDARENKO, L.V.; SMIRNOV, A.P.

Effect of the chemical composition of hydrocarbon raw charge
and water vapor on the dynamics of olefin formation at high
temperature pyrolysis. Khim.i tekhn. topl.i masel 6 no.12:11-
14 D '61. (MIRA 15:1)

1. Moskovskiy institut neftekhimicheskoy i gazovoy promyshlennosti
im. akad.Gubkina.
(Hydrocarbons) (Olefins)

S/065/61/000/012/003/005
E075/E135

AUTHORS: Vishnyakova, T.P., Paushkin, Ya.M., Bondarenko, L.V.,
and Smirnov, A.P.

TITLE: Influence of the chemical composition of hydrocarbon
feedstock and aqueous vapours on the dynamics of
formation of olefines during high temperature pyrolysis

PERIODICAL: Khimiya i tekhnologiya topliv i masel, no.12, 1961,
11-14

TEXT: The aim of this work was to study dynamics of
gasification of n-cetane, α -methyldecalin and a middle kerosene
fractions (b.pt.200-300 °C) leading to the formation of ethylene
and propylene. The gasification process was carried out in a
laboratory apparatus, a diagram of which is shown in Fig.1, where:
1 - reactor; 2 - electric furnace; 3 - flow meters; 4 - receiver
for condensate; 5 - water pump; 6 - feedstock pump; 7 - burettes;
8 - receiver for condensate; 9 - condenser; 10 - water washer;
11 - oil washer; 12 - gas meter; 13 - beater for feedstock;
14 - heater for steam; 15 - sprayer. The feedstock was preheated
to 300 °C, sprayed into the reactor with steam preheated to
Card 1/43

Influence of the chemical

S/065/61/000/012/003/005
E075/E135

450-500 °C (feedstock-steam ratio 1:1). The mixture was heated in the reactor to 800 °C, the temperature being controlled electrically. The total material balance and the balance for each section of the reactor are obtained as a function of the place of gas take-off. The time of contact of feedstock in the reaction zone was determined to obtain the speed of gasification of the different types of hydrocarbons along the length of the reactor. For the n-cetane fraction the formation of olefines passes through a maximum and reaches about 40% of the total gas for the reaction times of 0.5 to 0.6 sec. Subsequently the concentration of olefines begins to fall rapidly and for 1.5 - 2.0 sec reaction times it is as low as 5-7%. The extent of gasification after 2 sec reaches 90% of the feedstock but at the time of maximum olefine yield, only 50% of the feedstock is gasified. Gasification of α -methyldecalin fraction gives less olefines and a maximum yield of 24% is reached for the reaction time of 0.6 sec. The kerosene fraction, which consisted mainly of naphthenes and paraffins, gave a maximum yield of 27% after 0.3-0.5 sec. The composition of gases formed during the pyrolysis is different for each hydrocarbon fraction investigated.

Card 2/43

Influence of the chemical

S/065/61/000/012/003/005;
E075/E135

There are 4 figures and 1 table.

ASSOCIATION: MINKh and GP imeni I.M. Gubkin

Card 3/43

5760. Mastera shelkovodstva (uzbekistana). Tashkent, Gosizdat UzSSR, 1954. 59g
s portr. 20sm. (Glav. upr. s.-kh. Propagandy M-va sel'skogo khozyaystva Uzbek. SSR).
3.000 ekz. 65 k. (55-1437) P 638.23st (584.4).

SO: Knizhnaya, Letopis, Vol. 1, 1955

BONDARENKO, M.A., glavnyy inzhener stantsii. .

Electric propeller-driven message carrier for sending documents to
the station. Zhel.dor.transp. 37 no.10:74 n '55. (MIRA 9:1)

1.Stantsiya Kupyansk-sortirovechnyy.
(Railroads--Communication systems)

DAVIDOV, A.; KUNYAVSKIY, M.; MALEVICH, L.; PROSHLYAKOV, V.P. Prinsipali
uchastiye: SHAPPO, A.F.; CHERVYAKOV, P.Ya.; ORLYANCHIK, M.F.,
starshiy inzh.; REVUTSKIY, F.A., starshiy pochvoved; GUSEL'NIKOVA,
O.I., inzh.; GORN, Ye.R.; tekhnik; MORKOVINA, T.N., tekhnik.
BONDARENKO, M., red.; BAKHTIYAROV, A., tekhn.red.

[General plan for organizing the territory of the Golodnaya Steppe]
General'naya skhema organizatsii territorii Golodnoi stepi.
Tashkent, Gos.izd-vo Uzbekskoi SSR, 1958. 189 p.

(MIRA 14:3)

(Golodnaya Steppe--Agriculture)

KORZHAVIN, B.D., otv.red.; MUKHAMEDZHANOV, M.V., akademik, red.; KHANAZAROV, D.N., red.; ZAKIROV, K.Z., akademik, red.; RYZHOV, S.N., akademik, red.; YEREMENKO, V.Ye., akademik, red.; DADABAYEV, A.D., akademik, red.; RAKHIMOV, A.A., akademik, red.; DZHALILOV, Kh.M., kand.ekonom. nauk, red.; BONDARENKO, M., red.; BAKHTIYAROV, A., tekhn.red.

[Farm management system in recently reclaimed areas of the Golodnaya Steppe; measures for obtaining the maximum output of farm products per 100 hectares of cropland with a minimum expenditure of labor and other means] Sistema vedeniya sel'skogo khoziaistva na zemliakh novogo osvoeniya Golodnoi stepi; meropriyatiya po maksimal'nomu vykhodu sel'skokhoziaistvennykh produktov na 100 ga zemel'nykh ugodii pri naimen'shikh zatratakh truda i sredstv. Tashkent, Gos. izd-vo Uzbekskoi SSR, 1959. 158 p. (MIRA 14:2)

1. Uzbekskaya akademiya sel'skokhozyaystvennykh nauk. 2. Chleny-korrespondenty AN Uzbekskoy SSR (for Korzhavin, Yermenko).
 3. AN Uzbekskoy SSR (for Mukhamedzhanov, Zakirov). 4. Uzbekskaya akademiya sel'skokhozyaystvennykh nauk (for Mukhamedzhanov, Zakirov, Ryzhov, Yermenko, Dadabayev, Rakhimov). 5. Ministr sel'skogo khozyaystva UzSSR (for Khanazarov). 6. Chlen-korrespondent Vsesoyuznoy akademii sel'skokhozyaystvennykh nauk imeni V.I.Lenina (for Ryzhov).
 7. Direktor instituta ekonomiki Uzbekskoy akademii sel'skokhozyaystvennykh nauk (for Dzhalilov).
- (Golodnaya Steppe--Agriculture)

SUKHANOV, Ya.Ya.; BONDARENKO, M., red.; ABBASOV, T., tekhnred.

[Best swine breeder in the Republic; practices of D.Sultanov from State Breeding Farm No.1 in Samarkand District, Samarkand Province] Luchshii svinovod respublik; opyt raboty D.Sultanova iz plemsovkhoza No.1 Samarkandskogo raiona, Samarkandskoi oblasti. Tashkent, Gos.isd-vo Uzbekskoi SSR, 1960. 15 p.

(MIRA 14:3)

(Samarkand District--Swine)

SOLYANKO, G.I.; KORSHENBOY, P.G.; BONDARENKO, M., red.; BAKHTIYAROV, A.,
tekhn.red.

[Stalin Collective Rice Farm; Khorezm Province, Gurlen District]
Riscvodcheskii kolhoz imeni Stalina; Khorezmskaia oblast',
Gorlenskii raion. Tashkent, Gos.izd-vo UzSSR, 1960. 23 p.
(MIRA 14:2)

(Gurlen District--Rice)

AMIR'YAN, Artur Karpovich; BONDARENKO, M., red.; BAKHTIYAROV, A.,
tekhn. red.

["Fergana" Collective Farm (Akhunbabayevskiy District, Fergana
Province)] Kolkhoz "Fergana"; Akhunbabaevskii raion Ferganskoi
oblasti. Tashkent, Gos.izd-vo Uzbekskoi SSR, 1960. 27 p.
(MIRA 14:12)
(Akhunbabayevskiy District—Collective farms)

BOCHKAREV, S.A.; REMIDOVSKIY, Yu.M.; BONDARENKO, M., red.; ABBASOV, T.,
tekhred.

[Mechanized cotton harvesting is the pride of the "Malek"
State Farm] Mekhanizirovannaya uborka khlopka - gordost'
sovkhoza "Malek," Tashkent, Gos.izd-vo Uzbekskoi SSR, 1960.
28 p. (MIRA 14:3)
(Syr Darya District--Cotton--Harvesting)

KUBLANOVSKAYA, G.M.; SAIDAKHMEDOV, S., red.; BONDARENKO, M.; SALAKHUT-DINOVA, A., tekhn. red.

[Laboratory manual of agricultural microbiology] Rukovodstvo dlia prakticheskikh zaniatii po sel'skokhoziaistvennoi mikrobiologii. Toshkent Uzbekiston SSR davlat nashristi, 1960. 127 p. [In Uzbek and Russian] (MIRA 14:12)
(Bacteriology, Agricultural--Laboratory manuals)

GRECHIN, Boris Vasil'yevich; STEPANOVA, Anna Sergeyevna; BONDARENKO, M.,
red.; ABBASOV, T., tekhn. red.

[Uzbek Karakul sheep]Uzbekistanskaia karakul'skaia ovtsa.
Tashkent, Gosizdat UzSSR, 1961. 29 p. (MIRA 15:11)
(Uzbekistan--karakul sheep)

ARTYKOV, Abdulla ; TSOY, Grigoriy Leont'yevich; BONDARENKO, M., red.;
ABBASOV, T., tekhn. red.

[Reliable beacon of cotton growers; Stalin Collective Farm,
Yangi-Yul' District, Tashkent Province] Nadezhnyi maiak khlop-
korobov; Kolkhoz im. Stalina, Anguiul'skogo raiona, Tashkent-
skoi oblasti. Tashkent, Gos.izd-vo UzSSR, 1961. 31 p.
(MIRA 15:1)

(Yangi-Yul' District--Cottong growing)

KHVAN, Man Gym; BONDARENKO, M., red.; SALAKHUTDINOVA, A., tekhn. red.

[Collective farms advance under communism] Kolkhoz shagaet v
kommunizm. Tashkent, Gos.izd-vo Uzbekskoi SSR, 1961. 45 p.
(MIRA 15:1)

(Uzbekistan--Collective farms)

GLINYANYI, Valeriy Georgiyevich; RZHEVSKIY, Georgiy Konstantinovich;
GABRIYEL'YANTS, G.A., red.; BONDARENKO, M., red.; SALAKHUTDINOVA, A.,
tekhn. red.

[Producing inexpensive cotton with a high yield] Poluchenie vysokogo
i deshevogo urozhaya khlopka; iz opyta raboty brigad kompleksnoi me-
khanizatsii v kolkhozakh i sovkhozakh Uzbekistana. Pod red. G.A.
Gabriel'iantsa. Tashkent, Gos. izd-vo Uzbekskoi SSR, 1961. 104 p.
(MIRA 14:11)

(Uzbekistan—Cotton growing)

KOSHEVNIKOV, Georgiy Antonovich, akademik; KHAMIDOV, Aslam, kand.
tekhn. nauk; KOTOV, Vladimir Fedorovich; GERASIMOV, Mikhail
Fedorovich; BASEVICH, Lev Yefimovich; BUTYRIN, Aleksandr
Vasil'yevich; RAYEV, Boris Grigor'yevich; BONDARENKO, M., red.;
SALAKHUTDINOVA, A., tekhn. red.

[Machinery for cultivating cotton] Mashiny dlia vozdelevaniia
khlopchatnika. Tashkent, Gosizdat UzSSR, 1961. 182 p.

(MIRA 15:7)

1. Nachal'nik otдела Gosudarstvennogo spetsial'nogo konstruk-
torskogo byuro (for Kotov). 2. Rukovoditel' gruppy gosudar-
stvennogo spetsial'nogo konstruktorskogo byuro po khlopku (for
Basevich, Rayev).

(Cotton machinery)

BONDARENKO, M.G. [Bondarenko, M.H], inzh.; OGIYETS, M.S. [Ohiets', M.S.],
inzh.

Self-propelled grain combine for sloping ground. Mekh. sil'.
hosp. 12 no.7:31-32 J1 '61. (MIRA 14:6)
(Combines(Agricultural machinery))

NURITDINOV, I.N.; GUDOSHNIKOV, V.S.; BONDARENKO, M., red.; MEL'NIKOV, A.,
tekhn. red.

[Sericulture in the Uzbek S.S.R.] Shelkovodstvo v Uzbekskoi SSR.
Tashkent, Gosizdat UzSSR, 1958. 37 p. (MIRA 16:1)
(Uzbekistan—Sericulture)

DADABAYEV, A.D., doktor biol. nauk; SIMONGULYAN, N.G., kand.
biol. nauk; BONDARENKO, M., red.; BABAKHANOV, A., tekhn.
red.

[Methods for developing and multiplying new cotton varieties]
Metody vyvedeniia i razmnozheniia novykh sortov khlopchatnika.
Tashkent, Gosizdat UzSSR, 1962. 93 p. (MIRA 16:5)
(Soviet Central Asia--Cotton breeding)

MIRZAYEV, M.M.; KUZNETSOV, V.V.; CHEREVATENKO, A.S.; CHERNOVALOVA,
V.P.; TOSHMATOV, L.T.; KUL'KOV, O.P.; AMINOV, Kh.;
ZHIVOTINSKAYA, S.M.; SHREDER, A.G.; LEPLINSKAYA, A.A.;
PAVLOV, A.K.; SHAPIROV, S.K.; KALMYKOV, S.S.; YAGUDINA,
S.I.; GULYAMOV, Kh.; DZHALALOV, Dzh.[translator];
SAIDAKHMEDOV, S.[translator]; BONDARENKO M., red.;
KADYROVA, R., red.; BAKHTIYAROV, A., tekhn. red.

[Fruit of Uzbekistan] Frukty Uzbekistana. Tashkent, Gos.
izd-vo UzSSR, 1960. 6 books in fold. Abrikos, persik,
sliva. 84 p. Granat, inzhir, khurma. 40 p. Iablonia,
grusha, alva. 96 p. Mindal', orekh. 26 p. Vishnia,
chereshnia. 18 p. Zemlianika, malina, smorodina. 36 p.
(MIRA 16:7)

(Uzbekistan--Fruit--Varieties)

BONDARENKO, M.

Duster sprays the plants. Zashch.rast.ct vrad.i bol. 10 no.4:19 '65.
(MIRA 18:6)

1. Nachal'nik Upravleniya zashchity rasteniy Kazakhstana.

KMETIK, Petr Iosifovich; MEREZHKO, Vasilii Grigor'yevich; USTINOV, Nikolay Petrovich; Primal uchastiye SHCHERBACHEVICH, G.S., inzh.; UGLINSKIY, A.Ya., inzh., retsenzent; BONDARENKO, M.D., inzh., retsenzent; TEREKHOV, V.M., inzh., retsenzent; KONOVALOV, S.Ye., inzh., retsenzent; SOZAKIN, V.V., inzh., red.; KNITROV, P.A., tekhn. red.

[Organization of the operation, maintenance and repair of diesel locomotives] Organizatsiia teplovoznogo khoziasitva. Moskva, Transzheldorizdat, 1962. 197 p. (MIRA 15:9)
(Diesel locomotives--Maintenance and repair)

LAPTEVA, N.N.; GUDZHIYEV, R.A. [deceased]; BONDARENKO, M.F.; SHUL'GINA, I.L.

Preparative fractionation of blood proteins by the method
of continuous electrophoresis in the EFP-2 apparatus.
Vop. med. khim. 9 no.1:84-89 Ja-F '63. (MIRA 17:6)

1. Kafedra patofiziologii TSentral'nogo instituta usovershen-
stvovaniya vrachey, Moskva.

ISIDORE E. B. 1952, M. F.

U S S R .

Electrophoretic study of the muscle protein fractions. I. The technique of electrophoretic investigation of the protein fractions of the cardiac and skeletal muscles. M. R. Bondarenko. *Byull. Eksp. Biol. i Med.*, 38, No. 10, 70-73 (1954). Rabbit heart and skeletal muscles were frozen solid in liquid N and powdered in a mortar, the powder extd. with 0.5M KI, the ext. centrifuged at 12,000 r.p.m., and the total protein of the supernatant layer detd. refractometrically and according to Kjeldahl procedure (total protein 5.5-6%). The ext. was dild. with enough phosphate buffer to form a 3% soln. It was dialyzed in the cold for 8-10 hrs., buffer: 0.049M Na-HPO₄, 0.006M NaH₂PO₄, 0.25M NaCl, pH 7.4. Electrophoresis was carried out in Svenson's modification of the Tiselius app. The different fractions were photographed. The curves had 4 peaks corresponding to the following fractions: myoalbumin (I), α -myosin (II), β -myosin (III), and myogen (IV). Quant. findings were: heart muscle 12.2% I, 37.6% II, 17.1% III, and 26.4% IV; skeletal muscle 6.1% I, 47.0% II, 20.3% III, and 25.1% IV. A. S. Markin.

USSR.

✓ Electrophoretic studies of the muscle protein fractions.
 II. The effect of anoxia on the protein content of heart muscles. M. P. Bondarenko. *Sov. Med. Biol.* 38, 1993, 1-4. In the heart muscles of the normal rabbit, proteins were found as follows: myosin 55.1; myogen 28.4; myoalbumin 12.2%. In heavy anoxia of 1 hr. the rhythm of heart contractions was slowed, the voltage of the electrocardiogram waves reduced, the amplitude of wave T leveled down and in some instances negatively reversed; myosin was reduced to 42.4%, myogen increased to 39.2%, myoalbumin remained unchanged, and the total protein retained its original level. Anoxia did not affect the electrophoretic mobility of any of the protein fractions. B. S. Levine

Summary D 332647-20 Oct 55

BONDARENKO, M. F.

Bondarenko, M. F.

"The effect of hypoxia on the protein composition of the myocardium."
Central Inst for the Advanced Training of Physicians. Moscow, 1956.
(Dissertation for the Degree of Candidate in Medical Sciences).

Knizhnaya letopis'
No. 21, 1956. Moscow.

BONDARENKO, M.F.; RAYSKINA, M.Ye.

Effect of Pavlov's accelerator nerve on myocardial proteins. *Biul. eksp.biol.* 1 med. 42 no.8:39-42 Ag '56. (MLRA 9:11)

1. Iz kafedry patofiziologii (zav. - prof. P.D.Gorizontov) Tsentral'nogo instituta usovershenstvovaniya vrachey (dir. V.P.Lebedeva). Predstavlena dlyavitel'nym chlenom AMN SSSR S.Ye.Severinym.

(MYOCARDIUM, metabolism,
proteins, eff. of stimulation of Pavlov's reinforcing
nerve of heart (Rus))

(HEART, innervation,
Pavlov's reinforcing nerve, eff. of stimulation on
myocardial proteins (Rus))

(MUSCLE PROTEINS, metabolism,
myocardium, eff. of stimulation of Pavlov's reinforcing
nerve of heart (Rus))

SOV/65-53-8-4/14

AUTHORS: Marushkin, B. K; Bondarenko, M. F; Tsalik, V. L. and Baydavletova, F. G.

TITLE: The Effect of Recycling on the Definition of Separation During Purification with Selective Solvents (Vliyaniye risaykla na chetkost' razdeleniya pri ochistke izbiratel'nyimi rastvoritelyami).

PERIODICAL: Khimiya i Tekhnologiya Topliv i Masel, 1958, Nr.8. pp. 21 - 24. (USSR).

ABSTRACT: During fractionation of crudes with selective solvents, the efficiency of separation is increased when a recycle is used in the extraction system. The recycle can be produced by changing the temperature of the extraction solution; by adding an anti-solvent to the extraction solution; by supplying an extract to the extraction solution; by supplying to the extraction solution a second solvent which does not mix completely with the solution. The experimental part of this investigation consisted of three series of tests. In the first series the efficiency of various methods of agitating the recycle was compared. The recycle was prepared by (a) changing the temperature, (b) flooding the extraction solution and (c) adding the extract to the extraction solution. The properties of

Card 1/3

SOV/65-53-8-4/14

The Effect of Recycling on the Definition of Separation During Purification With Selective Solvents.

the crude components of the recycle were then compared. The extraction solution comprised a mixture of 400 ml of phenol and 100 ml of petroleum product which boiled within the limits of 200 - 370°C, $d_{20}^{20} = 0.846$, and sulphur content of 1.15%. This mixture was homogeneous at and above 52°C. Figures 2 and 3 show the dependence of the properties of the raffinate, separated from the recycle, on the method of preparing the latter. During the second series the influence of the method of agitating the recycle during a three-stage counter-current extraction was investigated (Fig. 4); dry phenol was used as solvent. The third series of experiments was carried out to determine the possibility of compensating the lowering of the definition of the fractionation when adding the extract to the extraction solution by increasing the supply of phenol, or by increasing the number of stages during the purification. The conditions and results of the second and third series of experiments are given in a table on page 23. The authors concluded that the method of agitation of the

Card 2/3

Card

BONDARENKO, M.F.; SHABALIN, I.I.; MYAGKOVA, A.I.

Rotary disc contactor with perforated plates. Izv. vys. ucheb.
zav.; neft' i gaz 3 no.9:91-95 '60. (MIRA 14:4)

1. Ufimskiy neftyanoy institut.
(Plate towers)

BONDARENKO, M.F.

AUTHORS

5/065/60/000/011/004/009
E194/E184

FILE

Extr. Interm. I. 12. and Jondarenko, H. T.
A Transformer Oil From Distillates of Sulphurous
Eastern Crudes

PERIODICAL: Khimiya i tekhnologiya kopiriv i masht., 1960, No. 11
pp. 15-22

TEXT: Many attempts have been made to produce from sulphuric acid a transformer oil of low sulphur content but this has always failed. Transformer oils containing about 0.5% sulphur were used as acid-forming transformer oil containing about 0.5% sulphur was used as acid-forming transformer oil containing about 0.5% sulphur. The object of the present work was to study the retention of stable transformer oil without the use of inhibitors. Preliminary studies of the composition of the sulphur compounds showed that the addition of the sulphur compounds of hydrogen sulphide (H_2S) did not corrode the copper strip in the oxidation test (8 hours at $120^\circ C$ with copper and iron catalysts, with flow of oxygen). The work showed that it was not essential to reduce the sulphur level $1\frac{1}{4}$

concentrated to a very low level and that there was no need to neutralize the deacid distillates before solvent treatment. Accordingly, a series of solvent treatment tests were made on a 90% phenol-10% water solution. The results are shown in Table I. Phenol-water azeotropic oil distillate using from 100 to 500% volume of Phalogen or Phalogenol as solvent gave better results than refluxes with an upward temperature. Refining was carried out in four stages with varying temperatures. A mixture of 600 ml. toluene and 40% toluol at 50 to 57°C. (approximately annual) part of the deacid raffinate was treated with 5% caustic and part with 2% of 98% sulphuric acid and 10% earth. All oils were oxidized by the standard test and the results are given in Table I. The hydrocarbon structural analysis of the various oils produced is discussed and there is a further treatment greatly reduces the aromaticity and there is no substantial reduction in naphthenic structures until 300% phenol is treatment is reached. This treatment removed most of the sulphur that is removed. The results of the infrared and ultraviolet absorption spectroscopy shown in Fig. 1 indicate that it is fractional to use more than 100 to 150% phenol because

TABLE I
continued

It is almost completely removed in polyaromatic structures and imparts the desired ratio between hydrocarbon structures. It is known that an optimum refining was obtained in the range of 100 to 150°C. A finishing stream of sulphur content ranging from 0.7 to 1.0% was used. The acid treatment did not alter the nature of the oxidation test results. The acid treatment improved the oxidation test results on slightly oxidized oil, and imparted them on slightly over-refined oils. The effect of over-refining by solvent treatment alone is described and illustrated with reference to the results given in Table 2 and FIG. 2 which relate to trial runs of the refinery. Meanwhile the refinery had succeeded in producing an improved distillate which the distiller cut that responded better to phenol treatment. The distiller cut that contained 45% of phenol and then dewaxed at a temperature of -50°C. The dewaxing and the subsequent treatment of the dewaxed oil by solvent and acid treatment and principally properties are given in Table 3, the oils fully satisfy the requirements set standard for transformer oils but the acid treated oil is better in certain respects. Oils refined in this way are particularly Card 3/4

able under conditions of corona discharge unlike the normal oils refined with 200% phenol. There are 2 figures, 3 tables and 8 references: 9 Soviet, 6 English and 1 German.

ASSOCIATION: Otdel Khimii Dnepropetrovsk Oblasta AN SSSR: PU MP, Dnepropetrovsk

DEPARTMENT: of the Chemical Branch of the Ministry of Chemical Industry

ADDRESS: Kirov-Gr. Railway, Ufa Petrochemical Institute

KONDRAT'YEV, A.A.; MARUSHKIN, B.K.; BONDARENKO, M.F.

Selecting a reflux system for rectification columns. Khim.i .tekh.
topl.i masel 6 no.2:62-64 F '61. (MIRA 14:1)

1. Ufimskiy neftyanoy institut.
(Distillation apparatus)

BONDARENKO, M.F.; GAYLIS, A.A.; KONDRAT'YEV, A.A.

Effect of the number of contact treating stages on the extraction
process indices. Khim.i tekhn. topl.i masel 7 no. 2:12-16 F '62.
(MIRA 15:1)

1. Ufimskiy neftyanoy nauchno-issledovatel'skiy institut.
(Petroleum--Refining) (Extraction (Chemistry))

KONDRAT'YEV, A.A.; BONDARENKO, M.F.

Calculation of the number of theoretical stages in the
countercurrent washing of precipitates with the use of
several multistage extractors. Khim.prom. no.9:603-607
Ag '62. (MIRA 15:9)

1. Ufimskiy neftyanoy institut i Vsesoyuznyy nauchno-issledo-
vatel'skiy institut neftekhimicheskikh protsessov.
(Chemistry, Technical) (Extraction apparatus)

KALANTAR, N.G.; FRYAZINOV, V.V.; YEVSYUKOV, Ye.I.; EDEL'SHTEYN,
I.Ya.; BONDARENKO, M.F.; Primali uchastiye: MANNAFOVA, V.S,
mladshiy nauchnyy sotrudnik; YANGURAZOVA, D.I., mladshiy nauchnyy
sotrudnik; GABSATTAROVA, S.A., laborant; YUSUPOVA, F.S., laborant
KUZ'MINA, A.Ya., laborant

Transformer oil from the distillates of sulfur-bearing eastern
crudes. Khim.i tekhn.topl.i masel 5 no. 11:15-22 N '60.
(MIRA 13:11)

1. Otdel khimii Bashkirskego filiala AN SSSR; Novo-Ufimskiy
neftepererabatyvayushchiy zavod; Ufimskiy neftyanoy institut.
2. Otdel khimii Bashkirskego filiala AN SSSR (for Mannafova,
Yangurazova, Gabsattarova, Yusupova, Kuz'mina).
(Insulating oil)

KULAKOV, V.N.; VARFOLOMEYEV, D.F.; BONDARENKO, M.F.; KOTOVA, V.N.;
AKHMETOV, I.G.; KOLYCHEV, V.M.; NOSAL', G.I.; KIVA, V.N.;
PANKRATOVA, M.F.; KRUGLOV, E.A.; SHMELEV, A.S.; SHABALIN, I.I.;
SHIRMUHAMETOV, O.A.; ISYANOV, I.Ya.; RATOVSKEYA, A.A.;
VAYSBERG, K.M.

Technology of the production of naphthalene from the refining
products of eastern oils. Nefteper. i neftekhim. no. 4:30-33
'64. (MIRA 17:5)

1. Nauchno-issledovatel'skiy institut neftekhimicheskikh
proizvodstv i ordena Lenina Ufimskiy neftepererabatyvayushchiy
zavod.

BONDARENKO, M.F.

Lipolytic activity of the heart muscle in experimental alloxan diabetes. Pat. fiziol. i eksp. terap. 8 no.4:27-29 J1-Ag '64.
(MIRA 18:2)

1. Kafedra patologicheskoy fiziologii (zav.- prof. S.M. Leytes)
TSentral'nogo instituta usovershenstvovaniya vrachey, Moskva.

BONDARENKO, M.G. [Bondarenko, M.H.]; VORONEZHSKIY, V.I. [Voronezhs'kiy, V.I.]; KITAYTSEVA, Z.P.; KOVAL', M.M.; KOLODA, V.D.; KORSAKOV, O.O.; KREMINSKAYA, Ye.D. [Kremins'ka, Ye.D.]; KUKTA, G.M. [Kukta, H.M.], inzh.-mekhan.; PIVOVAR, S.G. [Pivovar, S.H.]; SOLOVEY, V.I.; OLEFI-
RENKO, G.A. [Olefirenko, H.A.], red.; GULENKO, O.I. [Hulenko, O.I.], tekhn.red.

[New agricultural machines] Novi sil's'kohospodars'ki mashyni.
Kyiv, Derzh.vyd-vo sil's'kohospodars'koi lit-ry URSS, 1959. 231 p.
(MIRA 13:4)

(Agricultural machinery)

KUKTA, G.M. [Kukta, H.M.]; BONDARENKO, M.G. [Bondarenko, M.H.]

Comparative evaluation of the performance of ensilage harvesters.
Mekh.sil'.hosp. 10 no.7:20-23 J1 '59. (MIRA 12:12)

1. Glavnyy inzhener laboratorii Ukrainskoy mashinostroyteln'noy
stantsii.
(Ensilage) (Harvesting machinery)

BONDARENKO, M.G. [Bondarenko, M.H.], inzh.

Heat generator for drying farm products. Meld. sil'. hosp.
10 no. 12:29-30 D '59. (MIRA 13:3)
(Drying apparatus)

BONDARENKO, M.

ATBASH'YAN, Aleksandr Arakelovich, kand.sel'skokhozyaystvennykh nauk;
BONDARENKO, M., red.; RAKHMATULLIN, F., tekhn.red.

[Bushuev cattle] Bushuevskii skot. Tashkent, Gos.izd-vo
Uzbekskoi SSR, 1956. 45 p. (MIRA 10:12)
(Uzbekistan--Cattle breeds)

ABDURAKHMANOV, A.; POLOZOV, I.T.; GAFT, M., spetared.; BONDARENKO,
M., red.; UMANSKIY, P., tekhnred.

[Practices of participants in the Uzbekistan section of the
All-Union Agricultural Exhibition] Opyt uchastnikov Vse-
soiuznoi sel'skokhoziaistvennoi vystavki po Uzbekskoi SSR.
Gos. izd-vo Uzbekskoi SSR, 1958. 78 p. (MIRA 12:1)
(Moscow--Agricultural exhibitions) (Uzbekistan--Agriculture)

BRONDARENKO, M.I.

GREBIN', G.L. [Hrebin', H.L.]; ~~BRONDARENKO, M.I.~~

Preparing coarse forage for cattle. Mekh. sil'. hosp. 9 no.2:20-21
F '58. (MIRA 11:3)

1.Naukovo-doslidniy institut tvarinnitstva Lisostepu i Polissya
URSR.

(Feeding and feeding stuffs)

Bondarenko, M.K.
BONDARENKO, M.K., kandidat tekhnicheskikh nauk

Selecting a crane for placing large-size building blocks. Stroi
prom.33 no.6:16-17 Je'55. (MIRA 8:10)
(Cranes, derricks, etc.)

BONDARENKO, M.K., kandidat tekhnicheskikh nauk.

Mechanical unloading in storage areas at the construction sites
of apartment houses made of large-sized building blocks. Stroi.
prom. 34 no.3:19-20 Mr. '56. (MLRA 9:6)
(Loading and unloading) (Building blocks)

21

CONDENSED MICROFILMS

A QUICK METHOD FOR THE DETERMINATION OF SULPHUR IN COAL AND COKE. M. M. Bondarenko, S. M. Krolevets, and A. P. Belyaeva. (Zavodskaya Laboratoriya, 1988, vol. 14, Aug., pp. 991-992). (In Russian). A combustion method for the determination of sulphur in coal and coke is described which requires only 6-8 min. for its execution. In this method 0.1 g. of the material is burnt in a stream of oxygen at 1000-1100°C., the products of combustion being led into starch solution to which standard iodine solution is added from a burette at a rate just sufficient to maintain a blue colour in the liquid. Determinations are carried out previously on samples the sulphur contents of which have been determined by the Eschka, method, the results being used to standardize the iodine solution for use with samples of similar composition. Results obtained by the above method are tabulated and are shown to be accurate. S.K.

Metallurgical Factory in Petrovskiy

ASB-11A METALLURGICAL LITERATURE CLASSIFICATION

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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BONDARENKO, M.M.

In Kazakhstan. Zashch.rast. ot vred. i bol. 9 no.11:6-8 '64.
(MIRA 18:2)

1. Nachal'nik Kazakhstanskogo upravleniya zashchity rasteniy.

ZINOV'YEVA, Kh.G.; MITRASOVA, Ye.V.; KANTOROVICH, R.M.; BONDARENKO, M.M.

Preservation of azotobacterin. Mikrobiol.zhur. 16 no.2:20-24 '54.
(MLRA 8:5)

1. Z Institutu mikrobiologii AN URSR i Kiivs'kogo zavodu bakterial'-
nykh dobriv.

(AZOTOBACTER)

(FERTILIZERS AND MANURES)

BONDARENKO, M.M.

BONDARENKO, M.M.

Twenty-five years of operation of the Yaroslavl Synthetic Rubber
Plant. Kauch. i rez. 16 no.7:5-7 J1 '57. (MIRA 10:10)

1. Yaroslavskiy zavod sinteticheskogo kauchuka.
(Yaroslavl--Rubber, Synthetic)

BONDARENKO, M.M.; GLAZKOV, P.N., nauchnyy sotrudnik

Chemical weed control in Kazakhstan. Zashch. rast. ot vred. i
bol. 9 no. 4:3-4 '64. (MIRA 17:5)

1. Nachal'nik Kazakhstanskogo respublikanskogo Upravleniya
zashchity rasteniy (for Bondarenko). 2. Laboratoriya gerbitsidov
Kazakhskogo instituta zashchity rasteniy (for Glazkov).

BONDARENKO, M.N.

BOBRIYEVICH, A.P., sotrudnik; BONDARENKO, M.N., sotrudnik; GNEVUSHEV, M.A.,
sotrudnik; KIND, N.D., sotrudnik; KORESHKOV, B.Ya., sotrudnik;
KURYLEVA, N.A., sotrudnik; NEFEDOVA, Z.D., sotrudnik; POPUGAYEVA,
L.A., sotrudnik; POPOVA, Ye.E., sotrudnik; SKUL'SKIY, V.D.,
sotrudnik; SMIRNOV, G.I., sotrudnik; YURKEVICH, R.K., sotrudnik;
PAYNSHTEYN, G.Kh., sotrudnik; SHCHUKIN, V.N., sotrudnik; BUROV,
A.P., nauchnyy redaktor; SOBOLEV, V.S., nauchnyy redaktor;
VERSTAK, G.V., redaktor izdatel'stva; KRYNOCHKINA, K.V., tekhnicheskiy redaktor

[Diamonds of Siberia] Almazы Sibiri. [Moskva] Gos.nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1957. 157 p. (MLRA 10:7)

1. Russia (1923- U.S.S.R.) Ministerstvo geologii i okhrany nedr.
2. Amakinskaya ekspeditsiya Glavuralsibgeologii Ministerstva geologii i okhrany nedr SSSR (for Bobriyevich, Bondarenko, Gnevushev, Kind, Koreshkov, Kuryleva, Nefedova, Popugayeva, Popova, Skul'skiy, Smirnov, Yurkevich, Paynshteyn, Shchukin)
(Siberia--Diamonds)

BONDARENKO, M. N.

Change in the cerebrospinal fluid and, in particular, its sugar content
in otogenic intracranial complications. Vest. otorin. no.3:53-55 '61.
(MIRA 14:12)

1. Iz kliniki bolezney ukha, nosa i gorla (zav. - prof. M. I.
Vol'fkovich) Saratovskogo meditsinskogo instituta.

(CEREBROSPINAL FLUID) (BRAIN—DISEASES)
(CARBOHYDRATES)

POPOVA, V.M.

POPOVA, V.M., kandidat sel'skokhozyaystvennykh nauk, redaktor; BONDARENKO,
M.N., redaktor; PINKHASOV, Ya.B., tekhnicheskiy redaktor

[Principles of livestock raising] Osnovy zhivotnovodstva. Tashkent,
Gos. izd-vo Uzbekskoi SSR, 1955. 234 p. (MLRA 9:12)
(Stock and stockbreeding)

KUNYAVSKIY, M.P., kandidat ekonomicheskikh nauk, redaktor; TATUR, P.K.,
kandidat tekhnicheskikh nauk, redaktor; BONDARENKO, M.N., redaktor;
PINKHASOV, Ya.B., tekhnicheskii redaktor

[Manual for machine-tractor station engineers and organizers of land
use] Spravochnik inzhenera-zemleustroitelia MTS. Pod obshchei red.
M.P.Kuniavskogo i P.K.Tatur. Tashkent, Gos. izd-vo UzSSR, 1955. 342 p.
(MIRA 9:8)

1. Uzbek S.S.R. Ministerstvo sel'skogo khozyaystva. Upravleniye
zemleustroystva.
(Agricultural engineering)

MIKHAYLOVA, Ye.N., spetsredaktor; BONDARENKO, M.N., redaktor; UMANSKIY,
P.A., tekhnicheskii redaktor

[Manual for the chairman of the collective farm] Spravochnik
predsedatelia kolkhoza. Tashkent, Gos. izd-vo UzSSR, 1955. 852 p.
(Collective farms) (Agriculture) (MLRA 9:8)

LUPANOV, A.A.; ~~BONDARENKO, M.N.~~, redaktor; DEMIDOVA, L.F., tekhnicheskiy
redaktor

["Ksyl Uzbekistan" Collective Farm; Ordzhonikidze District, Tashkent
Province] Kolkhoz "Ksul Uzbekistan"; Ordzhonikidzevskogo raiona,
Tashkentskoi oblasti. Tashkent, Gos. izd-vo Uzbekskoi SSSR, 1956.
28 p. (MLRA 9:10)

(Uzbekistan--Collective farms)

BONDARENKO, M.V.

MAMATSASHVILI, Estate Grigor'yevich, kandidat veterinarnykh nauk, dotsent;
BONDARENKO, M.H., redaktor; RAKHMATULLIN, F., tekhnicheskii redaktor

[Brucellosis in farm animals] Brutsel'noy sel'skokhoziaistvennykh
zhivotnykh. Tashkent, Gos. izd-vo Uzbekskoi SSR, 1956. 51 p.
(Brucellosis) (MLRA 10:2)

BOBRIYEVICH, A.P.; BONDARENKO, M.N.; GNEVUSHIN, M.A.; KRASOV, L.M.;
SMIRNOV, G.I.; YURKEVICH, R.K.; SOBOLEV, V.S., akademik, nauchnyy
red.; VERSTAK, G.V., red.izd-va; GUROVA, O.A., tekhn.red.

[Diamond deposits of Yakutia] Almaznye mestorozhdeniya Iakutii.
Nauchnyi red. V.S.Sobolev. Moskva, Gos.nauchno-tekhn.izd-vo
lit-ry po geologii i okhrane nedr, 1959. 526 p. (MIRA 12:11)
(Yakutia--Diamonds)

SAYDULLAYEV, B.; BONDARENKO, M.N., red.; ABBOSOV, T., tekhnred.

["Kommunizm" Collective Farm in the Golodnaya Steppe;
Yangi-Yr District, Tashkent Province] Golodnostepskii
kolkhoz "Kommunizm"; Gor.Iangu-Yr, Tashkent'skoi oblasti.
Tashkent, Gos.izd-vo Uzbekskoi SSR, 1960. 28 p.

(MIRA 14:3)

(Yangi-Yr District--Collective farms)

MUKHAMEDKHANOV, S.; BONDARENKO, M.N., red.; SALAKHUTDINOVA, A.,
tekhn. red.

[Chemical method for increasing cotton yields] Khimicheski
sposob povysheniia urozhaia khlopka. Tashkent, Gosizdat UzSSR,
1962. 33 p. (MIRA 16:5)
(Uzbekistan--Cotton growing) (Growth promoting substances)

BONDARENKO, Margarita Nikolayevna; GORELIK, I.M., red.; ABBASOV, T.,
tekhn. red.

[Communist brigade from the "Kzyl Uzbekistan" Collective Farm,
Tashkent Province, Ordzhonikidze District] Kommunisticheskaya
iz "Kzyl Uzbekistana"; Tashkentskaya oblast', Ordzhonikidzev-
skii raion, kolkhoz "Kzyl Uzbekistan." Tashkent, Gos.izd-vo
Uzbekskoi SSR, 1962. 42 p. (MIRA 16:6)
(Uzbekistan—Cotton growing)

DZHURAYEV, Akhmadzhan; BONDARENKO, M.N., red.; BABAKHANOV, A., tekhn.
red.

[Beacon light of Yangier District] Maiak IAngierskogo raiona.
Tashkent, Gosizdat UzSSR, 1962. 56 p. (MIRA 16:5)
(Uzbekistan--Agriculture)

MAMAYEVA, Ye.A.; SUMAROKOV, A.A.; STAROVEROVA, A.G.; BONDARENKO, M.P.

Study of the immunological effectiveness of whooping cough monovaccine. Trudy IEMG no.8:135-145 '61.

Study of the immunological effectiveness of whooping cough-diphtheria vaccine as compared with data obtained in the immunization of children with whooping cough monovaccine. Report No.2. Trudy IEMG no.8:182-194 '61. (MIRA 17:2)

BONDARENKO, M.P.

Reactivity of whooping cough and whooping cough-diphtheria
vaccines. Trudy IEMG no.8:163-176 '61 (MIRA 17:2)

STAROVEROVA, A.G.; BONDARENKO, M.P.; KON'KOVA, Ye.M.; KOVALEVA, M.F.;
NOSOVA, T.N.; GRISHAYEVA, N.A.

Effectiveness of the diphtheria component in a whooping
cough-diphtheria vaccine as evidenced by Schick's reaction.
Trudy IEMG no.8:177-181 '61. (MIRA 17:2)

1. Nauchno-issledovatel'skiy institut epidemiologii, mikrobiologii
i gigiyeny, Moskva (for Staroverova, Bondarenko). 2. Sanitarno-
epidemiologicheskaya stantsiya Baumanskogo rayona Moskvyy (for
Kon'kova). 3. Sanitarno-epidemiologicheskaya stantsiya Stalinskogo
rayona Moskvyy (for Kovaleva, Nosova). 4. Sanitarno-epidemiologicheskaya
stantsiya Zhdanovskogo rayona Moskvyy (for Grishayeva).

STAROVEROVA, A.G.; BONDARENKO, M.P.; KONKOVA, Ye.M.; KOVALEVA, M.F.;
NOSOVA, I.N.; GRUSHAYEVA, N.A.

Effectiveness of whooping cough-diphtheria vaccine according
to the Schick test. Zhur. mikrobiol., epid. i immun. 40 no.3:
15-20 Mr '63. (MIRA 17:2)

1. Iz Moskovskogo instituta epidemiologii i mikrobiologii
i sanitarno-epidemiologicheskikh stantsiy Bauman'skogo,
Zhdanovskogo i Pervomayskogo rayonov Moskvy.

BONDARENKO, M.P.
KONKOVA, YE.M., BONDARENKO, M.P.

Reactivity induced by purified adsorbed diphtherial anatoxin.
Zhur.mikrobiol. epid. i immun. 29 no.6:31-33 Je '58 (MIRA 11:7)

1. Iz Sanitarno-epidemilogicheskoy stantsii Baumanskogo rayona
Moskvy.

(DIPHTHERIA, immunology,
anatoxin, eff. of purified adsorbed prep. (Rus))

BONDARENKO, M.P.; KON'KOVA, Ye.M. (Moskva)

Effectiveness of adsorbed and natural anatoxin, taking into account the different intervals between vaccinations, according to data from the Schick reaction. Sov.med. no.3:101-105 '62.
(DIPHTHERIA ANTITOXIN)

DMITRIYEVA-RAVIKOVICH, Ye.M.; STAROVEROVA, A.G.; BONDARENKO, M.P.

Effectiveness of immunization against diphtheria and
whooping cough with different intervals between vaccinations.
Zhur. mikrobiol., epid. i immun. 33 no.11:6-11 N '62.
(MIRA 17:1)

1. Iz Moskovskogo instituta epidemiologii i mikrobiologii.

MAMAYEVA, Ye.A.; SUMAROKOV, A.A.; DONDARENKO, M.P.; GALADZHEVA, Ye.S.

Comparative study of immunological changes in revaccination with
pertussis and pertussis-diphtheria vaccine. Zhur. mikrobiol., epid.
i immun. 40 no.9:10-14 ..'63. (MIRA 17:5)

1. Iz Moskovskogo instituta epidemiologii i mikrobiologii.

FD-1537

USSR/Medicine - Public Health

Card 1/1 : Pub 102-8/14

Author : Bondarenko, M. S. (Moscow)

Title : ~~Work of a city medical district physician in an out-patient clinic~~
having a "sanitation active"

Periodical : Sov. zdrav., 6, 38-41, Nov-Dec 1954

Abstract : A city medical district physician, assigned to duty in an out-patient clinic, has a difficult problem on his hands unless he deputizes someone to act as assistant in "social hygiene". Deputy "social hygiene" assistants work out of the out-patient clinic; they inspect yards, apartment houses, market places, public buildings, and places patronized by general public. They keep a daily log of their observations and report violations of sanitary regulations; they distribute leaflets on the subject of personal and general hygiene and sanitation and arrange lectures and talks on the subject. The work load of physicians decreases in proportion to how well enlightened the population is in personal and general hygiene and sanitation and how well sanitary regulations are observed.

Institution :

BONDARENKO, M.S., agronom.

Zootechnicians and agronomists are needed. Nauka i pered.op.v
sel'khoz. 7 no.7:80 J1 '57. (MIRA 10:8)

1.Kolkhoz im. Shchorsa, Korsun'-Shevchenkovskogo rayona,
Cherkasskoy oblasti.

(Agricultural education)

BONDARENKO, M.T.; YEVTEYENVA, O.O.; PEREZOV, R.A.

Obtaining the curves of electric logging by way of interpolation.
Razved. geofiz. no. 4:88-93 '65. (MIRA 18:9)

L 40788-65 EWG(j)/EWP(e)/EWT(m)/EPF(c)/EWP(1)/EWA(d)/EPR/EWP(k)/EWP(b)/
EWP(t)/EWA(c) Pf-4/Pr-4/Ps-4 JD/WW/HW/WH
ACCESSION NR: AP4047430 S/0182/64/000/010/0013/0014

AUTHOR: Bondarenko, M. V.

TITLE: Colloidal graphite/lubricants for pressure working of metals

SOURCE: Kuznechno-shtampovochnoye proizvodstvo, no. 10, 1964, 13-14

TOPIC TAGS: colloidal graphite, pressure working

ABSTRACT: The author discusses different types of well-known colloidal gra-
phites used for the lubrication of high-pressure presses exposed to maximum
temperatures of 550C. The papers contain no new information inasmuch as these
lubricants are widely used in the United States. Orig. art. has: 1 figure, 1 table.

ASSOCIATION: None

SUBMITTED: 00

ENCL: 00

SUB CODE: MM, IE

NR REF SOV: 004

OTHER: 000

Card 1/1 *BPR*

BONDARENKO, N.A.

A.G.Nazarov's method of cold welding cast iron parts. Gor.khoz.Mosk.
28 no.9:31 S '54. (MLRA 7:10)
(Electric welding)

BONDARENKO, N.A.

Reinforced concrete poles for communication lines. Transp. stroi.
5 no.7:24-26 S '55. (MIRA 8:12)

1. Glavnyy mekhanik tresta Transsvyaz'stroy
(Electric lines--Poles)

BONDARENKO, N.A.

Mechanized cable laying for communication lines. Transp.stroi. 6 no.7:
17-20 J1 '56. (MLRA 9:10)

1.Glavnyy mekhanik tresta "Transvyaz'stroy".
(Electric cables)

BONDARENKO, N. CHEKUNOV, V.

A navigational ruler used in the computation of parachute jumping. p. 438.

Stop watch used in parachute jumping. p. 440.

(Kridla Vlasti. No. 14, July 1957. Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 10, October 1957. Uncl.

BONDARENKO, N.A.

Using crane borers in constructing overhead communication lines. Transp.
stroil. 7 no.3:28-29 Mr '57. (MIRA 10:6)

1. Glavnyy mekhanik tresta Transsvyaz'stroy.
(Boring machinery) (Electric lines--Poles)

BONDARENKO, N.

BONDARENKO, N.

Enlarge automotive transport units in rural districts. Avt. transp.
35 no.8:29 Ag '57. (MIRA 10:9)

1. Starshiy inzhener Sumskogo oblastnogo upravleniya sel'skogo
khozyaystva.
(Sumy Province--Transportation, Automotive)

BONDARENKO, N.A., inzh.; RATNER, A.M., inzh.; SOKOLOV, K.A., inzh.; GUBANOV, N.P., inzh.; SORIN, N.M., inzh.; TARAKANOV, G.P., inzh.; IVANOV, S.M., inzh.; NIRE, A.D., inzh.; ROVKAKH, S.Ye., kand.tekhn.nauk; FILIPPOV, V.V., inzh.; KHAYKIS, L.B., kand.tekhn.nauk; LEBEDEV, V.I., inzh.; VELICHKIN, Ye.A., inzh., red.; KHITROV, P.A., tekhn.red.

[Handbook for machinery operators of construction areas] Spravochnik mekhanika stroitel'nogo uchastka. Moskva, Vses.izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1960. 619 p.

(MIRA 14:1)

(Building machinery--Maintenance and repair)

BONDARENKO, N.A.

The over-all mechanization of laying main cable lines. Transp.
stroi. 10 no.4:21-23 Ap '60. (MIRA 13:9)

1. Glavnyy mekhanik tresta Transsvyaz'stroy.
(Electric cables)

BONDARENKO, N.

Boric fertilizer plant. Na stroi. Ros. no. 4:11-13 Ap '61.
(MIRA 14:6)

1. Zamestitel' ~~direktora~~ Voskresenskogo khimicheskogo kombinata
po kapital'nomu stroitel'stvu.
(Voskresensk--Fertilizer industry)

LOSKUTOV, K.; BONDARENKO, N., instruktor-letchik; ZOLOTUKHIN, P., avia-
tekhnik

Some problems in elementary training of glider pilots. Kryl.rod.
6 no.8:7 Ag'55. (MLRA 8:10)

1. Nachal'nik Yoshkar-Olinskoy planernoy stantsii (for Loskutov)
(Gliding (Aeronautics))

USSR/Cultivated Plants - Potatoes, Vegetables, Melons.

M.

Abs Jour : Ref Zhur - Biol., No 10, 1958, 44094

Author : Bondarenko, N.

Inst : -

Title : The Effect of Humus and Superphosphate on the Potato Yield.

Orig Pub : S. K. Sibiri, 1957, No 6, 40-42.

Abstract : In the joint experiments of the Western Siberian vegetable station and the collective farms of the Mtaishkiy Kray potato yield showed an increase of 1.7 and 4 tons per hectare after broadcasting 3 and 4 centners/ha of P_2O_5 respectively. Addition of 20 tons to 3 c of P_2O_5 increased the crop by another 3 tons per hectare. -- V.V. Prokoshov

Card 1/1